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Project		
Control No. 10739		
Folger I.D. 105		

YAO-7230
LND-1,00

MEMORANDUM

To: United States Fish and Wildlife Service, Ecology
Services Field Office, 2321 West Royal Palm Road
Phoenix AZ 85021-4915

From: Michael P. Collins
Director, Resource Management Office

Subject: Request for Threatened and Endangered (T&E) Species
List

Reclamation is preparing a Resource Management Plan (RMP) and Environmental Assessment for the Yuma 5-Mile Protective and Regulatory Pumping Unit (5-Mile Zone). We are requesting a T&E Species List for the area affected by this planning effort.

The 5-Mile Zone is a 5-mile wide strip of land along the United States and Mexican Border, extending east from the Colorado River about 13 miles. The 5-Mile Zone consists of lands owned and/or managed by Reclamation, the State of Arizona and private land owners. Approximately 32,000 acres were acquired or withdrawn by Reclamation for Title I of the Colorado River Basin Salinity Control Act of 1974 (Act), Public Law 93-320. This Act provided for the construction, operation and maintenance of well fields capable of providing approximately 160,000 acre-feet of water for use in the United States and for delivery to Mexico to partially satisfy the 1944 Mexican Water Treaty (Treaty). The United States must have continued ability to meet the requirements of the Treaty and the Act. This need, coupled with the rapidly growing areas of Yuma and San Luis, and associated needs for water and use of Reclamation facilities and lands, has prompted Reclamation to defer any further decisions on actions which impact the 5-Mile Zone until completion of a comprehensive RMP.

The 5-Mile Zone is located approximately 10 miles south of Yuma, Arizona, in the extreme southwestern part of the State (T. 10 and 11S, R. 25, 24, and 23W, Gila and Salt River Meridian). The zone extends to the Senator Barry M. Goldwater Bombing Range boundary

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about 13 miles east from U.S. Highway 95 on the west, and 5 miles north from the Southerly International Boundary. The northern boundary parallels the United States-Mexico International Border to the south, which forms the southerly boundary.

The RMP will be combined with a National Environmental Policy Act compliance document, and is expected to be completed within 18 months. We appreciate your help in sending us the T&E Species List and look forward to working with you on this project.

If you have any questions or concerns, please contact Mr. Robert Black, RMP Team Leader, at 303-445-9704 or Ms. Kimber Kirkland, Yuma Area Office RMP Contact at 928-343-8153.

Michael P. Collins

cc: Director, Technical Service Center,
Attention: D-8210 (Broderick)

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United States Department of the Interior

U.S. Fish and Wildlife Service
2321 West Royal Palm Road, Suite 103
Phoenix, Arizona 85021-4951
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8/24	TGS	71000
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In Reply Refer To:

AESO/SE
2-21-01-I-400

August 17, 2001

COPY

Memorandum

To: Director, Resource Management Office, Bureau of Reclamation, Yuma Area Office,
Yuma, Arizona

From: Field Supervisor

Subject: Yuma 5-Mile Protective and Regulatory Pumping Unit Project (5-Mile Zone)

This memorandum responds to your July 24, 2001, request for an inventory of threatened or endangered species, or those that are proposed to be listed as such under the Endangered Species Act of 1973, as amended (Act), which may potentially occur in your project area (Yuma County). The attached list may include candidate species as well. We hope the attached county list of species will be helpful. In future communications regarding this project, please refer to consultation number 2-21-01-I-400.


The attached list of the endangered, threatened, proposed, and candidate species includes all those potentially occurring anywhere in the county, or counties, where your project occurs. Please note that your project area may not necessarily include all or any of these species. The information provided includes general descriptions, habitat requirements, and other information for each species on the list. Also on the attached lists are the Code of Federal Regulations (CFR) citation for each list and is available at most public libraries. This information should assist you in determining which species may or may not occur within your project area. Site-specific surveys could also be helpful and may be needed to verify the presence or absence of a species or its habitat as required for the evaluation of proposed project-related impacts.

Endangered and threatened species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be adversely affected by a federally funded, permitted, or authorized activity, the action agency must request formal consultation with the Service. If the action agency determines that the planned action may jeopardize a proposed species or destroy or adversely modify proposed critical habitat, the action agency must enter into a section 7 conference with the Service. Candidate species are those which are being considered for addition to the list of threatened or endangered species. Candidate species are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event that they become listed or proposed for listing prior to project completion.

If any proposed action occurs in or near areas with trees and shrubs growing along watercourses, known as riparian habitat, the Service recommends the protection of these areas. Riparian areas are critical to biological community diversity and provide linear corridors important to migratory species. In addition, if the project will result in the deposition of dredged or fill materials into waterways or excavation in waterways, we recommend you contact the Army Corps of Engineers which regulates these activities under Section 404 of the Clean Water Act.

The State of Arizona protects some plant and animal species not protected by Federal law. We recommend you contact the Arizona Game and Fish Department and the Arizona Department of Agriculture for State-listed or sensitive species in your project area.

The Service appreciates your efforts to identify and avoid impacts to listed and sensitive species in your project area. If we may be of further assistance, please feel free to contact Sherry Barrett at 520-670-4617.


David L. Harlow

Attachment

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YUMA

8/14/2001

1) LISTED

TOTAL= 8

NAME: PEIRSON'S MILKVETCH

ASTRAGALUS MAGDALENAE var. *PEIRSONII*

STATUS: THREATENED

CRITICAL HAB: No

RECOVERY PLAN: No

CFR: 63 FR 53515, 10/6/98

DESCRIPTION: STOUT PERENNIAL OF SHORT DURATION, FLOWERING AS A WINTER
ANNUAL, AT LENGTH WOODY BELOW, WITH APPRESSED HAIRS; PETALS
DULL PURPLE; STEMS ERECT.

ELEVATION

RANGE: < 1,000 FT. FT.

COUNTIES: YUMA

HABITAT: LOW DUNES OF THE YUMA DESERT

SPECIES ALSO FOUND IN ALCOOONES DUNES IN CALIFORNIA. REGION 1 HAS LEAD.

NAME: SONORAN PRONGHORN

ANTILOCAPRA AMERICANA SONORIENSIS

STATUS: ENDANGERED

CRITICAL HAB: No

RECOVERY PLAN: Yes

CFR: 32 FR 4001, 03-11-67

DESCRIPTION: BUFF ON BACK AND WHITE BELOW, HOOFED WITH SLIGHTLY CURVED
BLACK HORNS HAVING A SINGLE PRONG. SMALLEST AND PALEST OF
THE PRONGHORN SUBSPECIES.

ELEVATION

RANGE: 2000-4000 FT.

COUNTIES: PIMA, YUMA, MARICOPA

HABITAT: BROAD, INTERMOUNTAIN ALLUVIAL VALLEYS WITH CREOSOTE-BURSAGE & PALO VERDE-MIXED CACTI
ASSOCIATIONS

TYPICALLY, BAJADAS ARE USED AS FAWNING AREAS AND SANDY DUNE AREAS PROVIDE FOOD SEASONALLY.
HISTORIC RANGE WAS PROBABLY LARGER THAN EXISTS TODAY, THIS SUBSPECIES ALSO OCCURS IN MEXICO.

NAME: RAZORBACK SUCKER

XYRAUCHEN TEXANUS

STATUS: ENDANGERED

CRITICAL HAB: Yes

RECOVERY PLAN: Yes

CFR: 56 FR 54957 10-23-1991;

DESCRIPTION: LARGE (UP TO 3 FEET AND UP TO 6 POUNDS) LONG, HIGH SHARP-

59 FR 13374, 03-21-1994

EDGED KEEL-LIKE HUMP BEHIND THE HEAD. HEAD FLATTENED ON TOP,
OLIVE-BROWN ABOVE TO YELLOWISH BELOW.

ELEVATION

RANGE: < 5000 FT.

COUNTIES: GREENLEE, MOHAVE, PINAL, YAVAPAI, YUMA, LA PAZ, MARICOPA (REFUGIA), GILA, COCHINO, GRAHAM

HABITAT: RIVERINE & LACUSTRINE AREAS, GENERALLY NOT IN FAST MOVING WATER AND MAY USE BACKWATERS

SPECIES IS ALSO FOUND IN HORSESHOE RESERVOIR (MARICOPA COUNTY). CRITICAL HABITAT INCLUDES THE 100-
YEAR FLOODPLAIN OF THE RIVER THROUGH GRAND CANYON FROM CONFLUENCE WITH PARIA RIVER TO HOOVER
DAM; HOOVER DAM TO DAVIS DAM; PARKER DAM TO IMPERIAL DAM. ALSO GILA RIVER FROM AZNM BORDER TO
COOLIDGE DAM; AND SALT RIVER FROM HWY 60/SR 77 BRIDGE TO ROOSEVELT DAM; VERDE RIVER FROM FS
BOUNDARY TO HORSESHOE LAKE.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YUMA

8/14/2001

NAME: BALD EAGLE

HALIAEETUS LEUCOCEPHALUS

STATUS: THREATENED

CRITICAL HAB No RECOVERY PLAN: Yes CFR: 60 FR 36999, 07-12-95

DESCRIPTION: LARGE, ADULTS HAVE WHITE HEAD AND TAIL HEIGHT 28 - 38";
WINGSPAN 65 - 96". 1-4 YRS DARK WITH VARYING DEGREES OF
MOTTLED BROWN PLUMAGE. FEET BARE OF FEATHERS.

ELEVATION
RANGE: VARIES FT.

COUNTIES: YUMA, LA PAZ, MOHAVE, YAVAPAI, MARICOPA, PINAL, COCONINO, NAVAJO, APACHE, SANTA CRUZ, PIMA,
GILA, GRAHAM, COCHISE

HABITAT: LARGE TREES OR CLIFFS NEAR WATER (RESERVOIRS, RIVERS AND STREAMS) WITH ABUNDANT PREY

SOME BIRDS ARE NESTING RESIDENTS WHILE A LARGER NUMBER WINTERS ALONG RIVERS AND RESERVOIRS.
AN ESTIMATED 200 TO 300 BIRDS WINTER IN ARIZONA. ONCE ENDANGERED (32 FR 4001, 03-11-1967; 43 FR 5233, 02-
14-78) BECAUSE OF REPRODUCTIVE FAILURES FROM PESTICIDE POISONING AND LOSS OF HABITAT, THIS
SPECIES WAS DOWN LISTED TO THREATENED ON AUGUST 11, 1995. ILLEGAL SHOOTING, DISTURBANCE, LOSS OF
HABITAT CONTINUES TO BE A PROBLEM. SPECIES HAS BEEN PROPOSED FOR DELISTING (64 FR 36454) BUT STILL
RECEIVES FULL PROTECTION UNDER ESA.

NAME: BROWN PELICAN

PELECANUS OCCIDENTALIS CALIFORNICUS

STATUS: ENDANGERED

CRITICAL HAB No RECOVERY PLAN: Yes CFR: 35 FR 16047, 10-13-70; 35
FR 18320, 12-02-70

DESCRIPTION: LARGE DARK GRAY-BROWN WATER BIRD WITH A POUCH UNDERNEATH
LONG BILL AND WEBBED FEET. ADULTS HAVE A WHITE HEAD AND
NECK, BROWNISH BLACK BREAST, AND SILVER GRAY UPPER PARTS.

ELEVATION
RANGE: VARIES FT.

COUNTIES: APACHE, COCHISE, COCONINO, GILA, GRAHAM, GREENLEE, LA PAZ, MARICOPA, MOHAVE, NAVAJO, PIMA,
PINAL, SANTA CRUZ, YAVAPAI, YUMA

HABITAT: COASTAL LAND AND ISLANDS; ARIZONA LAKES AND RIVERS

SUBSPECIES IS FOUND ON PACIFIC COAST AND IS ENDANGERED DUE TO PESTICIDES. IT IS AN UNCOMMON
TRANSIENT IN ARIZONA ON MANY ARIZONA LAKES AND RIVERS. INDIVIDUALS WANDER UP FROM MEXICO IN
SUMMER AND FALL. NO BREEDING RECORDS IN ARIZONA.

NAME: CACTUS FERRUGINOUS PYGMY-OWL

GLAUCIDUM BRASILIANUM CACTORUM

STATUS: ENDANGERED

CRITICAL HAB Yes RECOVERY PLAN: No CFR: 62 FR 10730, 3-10-97

DESCRIPTION: SMALL (APPROX. 7"), DIURNAL OWL REDDISH BROWN OVERALL WITH
CREAM-COLORED BELLY STREAKED WITH REDDISH BROWN. SOME
INDIVIDUALS ARE GRAYISH BROWN

ELEVATION
RANGE: <4000 FT.

COUNTIES: MARICOPA, YUMA, SANTA CRUZ, GRAHAM, GREENLEE, PIMA, PINAL, GILA, COCHISE

HABITAT: MATURE COTTONWOOD/WILLOW, MESQUITE BOSQUES, AND SONORAN DESERT SCRUB

RANGE LIMIT IN ARIZONA IS FROM NEW RIVER (NORTH) TO GILA BOX (EAST) TO CABEZA PRIETA MOUNTAINS
(WEST). ONLY A FEW DOCUMENTED SITES WHERE THIS SPECIES PERSISTS ARE KNOWN. ADDITIONAL SURVEYS
ARE NEEDED. CRITICAL HABITAT IN PIMA, COCHISE, PINAL, AND MARICOPA COUNTIES (64 FR 37419).

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YUMA

8/14/2001

NAME: SOUTHWESTERN WILLOW FLYCATCHER *EMPIDONAX TRILLII EXIMUS*

STATUS: ENDANGERED CRITICAL HAB: No RECOVERY PLAN: No CFR: 60 FR 10594, 03-27-95

DESCRIPTION: SMALL PASSERINE (ABOUT 6") GRAYISH-GREEN BACK AND WINGS,
WHITISH THROAT, LIGHT OLIVE-GRAY BREAST AND PALE YELLOWISH
BELLY. TWO WINGBARS VISIBLE. EYE-RING FAINT OR ABSENT

ELEVATION
RANGE: <8500 FT.

COUNTIES: YAVAPAI, GILA, MARICOPA, MOHAVE, COCONINO, NAVAJO, APACHE, PINAL, LA PAZ, GREENLEE, GRAHAM,
YUMA, PIMA, COCHISE, SANTA CRUZ

HABITAT: COTTONWOODWILLOW & TAMARISK VEGETATION COMMUNITIES ALONG RIVERS & STREAMS

MIGRATORY RIPARIAN OBLIGATE SPECIES THAT OCCUPIES BREEDING HABITAT FROM LATE APRIL TO
SEPTEMBER. DISTRIBUTION WITHIN ITS RANGE IS RESTRICTED TO RIPARIAN CORRIDORS. DIFFICULT TO
DISTINGUISH FROM OTHER MEMBERS OF THE EMPIDONAX COMPLEX BY SIGHT ALONE. TRAINING SEMINAR
REQUIRED FOR THOSE CONDUCTING FLYCATCHER SURVEYS. CRITICAL HABITAT WAS SET ASIDE BY THE 10TH
CIRCUIT COURT OF APPEALS (5/17/01).

NAME: YUMA CLAPPER RAIL

RALLUS LONGIROSTRIS YUMANENSIS

STATUS: ENDANGERED CRITICAL HAB: No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-67; 48

DESCRIPTION: WATER BIRD WITH LONG LEGS AND SHORT TAIL. LONG SLENDER FR 34162, 07-27-83

DECURVED BILL. MOTTLED BROWN ON GRAY ON ITS RUMP. FLANKS
AND UNDERSIDES ARE DARK GRAY WITH NARROW VERTICAL STRIPES
PRODUCING A BARRING EFFECT.

ELEVATION
RANGE: <4500 FT.

COUNTIES: YUMA, LA PAZ, MARICOPA, PINAL, MOHAVE

HABITAT: FRESH WATER AND BRACKISH MARSHES

SPECIES IS ASSOCIATED WITH DENSE EMERGENT RIPARIAN VEGETATION. REQUIRES WET SUBSTRATE
(MUDFLAT, SANDBAR) WITH DENSE HERBACEOUS OR WOODY VEGETATION FOR NESTING AND FORAGING.
CHANNELIZATION AND MARSH DEVELOPMENT ARE PRIMARY SOURCES OF HABITAT LOSS.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:
8/14/2001

YUMA

2) PROPOSED

TOTAL= 1

NAME: MOUNTAIN PLOVER

CHARADRIUS MONTANUS

STATUS: PROPOSED THREATENED CRITICAL HAB No RECOVERY PLAN: No CFR: 64 FR 7567; 02-16-1999

DESCRIPTION: IN BREEDING SEASON WITH WHITE FOREHEAD AND LINE OVER THE
EYE; CONTRASTING WITH DARK CROWN; NONDESCRIPT IN WINTER.
VOICE IS LOW, VARIABLE WHISTLE.

ELEVATION
RANGE: VARIABLE FT.

COUNTIES: YUMA, PIMA, COCHISE, PINAL, APACHE

HABITAT: OPEN ARID PLAINS, SHORT-GRASS PRAIRIES, AND CULTIVATED FORMS.

SPECIES PRIMARILY FOUND IN ROCKY MOUNTAIN STATES FROM CANADA TO MEXICO. AZ PRIMARILY PROVIDES
WINTERING HABITAT. BREEDING HAS BEEN DOCUMENTED, BUT IS RARE, AND IS LIKELY RESTRICTED TO TRIBAL
AND STATE LANDS IN APACHE COUNTY.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YUMA

8/14/2001

3) CANDIDATE

TOTAL= 1

NAME: YELLOW-BILLED CUCKOO

COCCYZUS AMERICANUS

STATUS: CANDIDATE

CRITICAL HAB No RECOVERY PLAN: No CFR: 85 FR 35611; 07-25-01

DESCRIPTION: MEDIUM-SIZED BIRD WITH A SLENDER, LONG-TAILED PROFILE,
SLIGHTLY DOWN-CURVED BILL, WHICH IS BLUE-BLACK WITH YELLOW
ON THE LOWER HALF OF THE BILL. PLUMAGE IS GRAYISH-BROWN
ABOVE AND WHITE BELOW, WITH RUFOUS PRIMARY FLIGHT FEATHERS.

ELEVATION
RANGE: <6,500 FT.

COUNTIES: APACHE, COCHISE, COCONINO, GILA, GRAHAM, GREENLEE, LA PAZ, MARICOPA, MOHAVE, NAVAJO, PIMA,
PINAL, SANTA CRUZ, YAVAPAI, YUMA

HABITAT: LARGE BLOCKS OF RIPARIAN WOODLANDS (COTTONWOOD, WILLOW, OR TAMARISK GALLERIES)

SPECIES WAS FOUND WARRANTED, BUT PRECLUDED FOR LISTING AS A DISTINCT VERTEBRATE POPULATION
SEGMENT IN THE WESTERN U.S. ON JULY 25, 2001. THIS FINDING INDICATES THAT THE SERVICE HAS SUFFICIENT
INFORMATION TO LIST THE BIRD, BUT OTHER, HIGHER PRIORITY LISTING ACTIONS PREVENT THE SERVICE FROM
ADDRESSING THE LISTING OF THE CUCKOO AT THIS TIME.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:
8/14/2001

YUMA

CONSERVATION AGREEMENT

TOTAL= 1

NAME: FLAT-TAILED HORNED LIZARD

PHRYNOSOMA MCALLII

STATUS: CONSERVATION AGREEMENT CRITICAL HAB No RECOVERY PLAN: No CFR:

DESCRIPTION: TYPICAL FLATTENED BODY SHAPE OF HORNED LIZARDS; DARK
VERTEBRAL STRIPE; LACKS EXTERNAL EAR OPENINGS; COLOR IS
CRYPTIC RANGING FROM PALE GRAY TO LIGHT RUST BROWN; HAS
TWO ROWS OF FRINGED SCALES ON EACH SIDE OF BODY

ELEVATION
RANGE: 500 FT. FT.

COUNTIES: YUMA

HABITAT: SANDY FLATS OR AREAS WITH FINE, WINDBLOWN SAND; CREOSOT-WHITE BURSAGE SERIES OF
SONORAN DESERT

CONSERVATION AGREEMENT FINALIZED IN MAY 1997. SPECIES ALSO FOUND IN PORTIONS OF SAN DIEGO
COUNTY, CENTRAL RIVERSIDE COUNTY, AND IMPERIAL COUNTY, CALIFORNIA; ALSO SONORA AND BAJA
CALIFORNIA, MEXICO